CLAIMS

What is claimed is:

1. A method comprising:

storing image information into at least one buffer for display on a plurality of display modules; and

mapping a predetermined number of image units contained within said image information to each display module of said plurality of display modules.

2. The method according to claim 1, further comprising receiving said image information in digital format from at least one image processing device.

3. The method according to claim 1, further comprising transmitting said predetermined number of image units in digital format to said each display module.

4. The method according to claim 1, wherein said storing further comprises:

retrieving mapping information associated with said image units from said image information; and

storing said image units in said at least one buffer based on said mapping information.

5. The method according to claim 4, wherein said mapping information is embedded in a header associated with said predetermined number of image units within said image information.

6. The method according to claim 1, wherein each image unit is a pixel containing color information.

7. The method according to claim 4, wherein said mapping information specifies at least one target location in a display space of said each display module for each image unit contained within said image information.

8. A system comprising:

at least one image processing device to transmit image information; and

a mapping system coupled to said at least one image processing device to store said image information into at least one buffer for display on a plurality of display modules, and to map a predetermined number of image units contained within said image information to each display module of said plurality of display modules.

9. The system according to claim 8, wherein said mapping system further receives said image information in digital format from said at least one image processing device.

10. The system according to claim 8, wherein said mapping system further transmits said predetermined number of image units in digital format to said each display module.

11. The system according to claim 8, wherein said mapping system further retrieves mapping information associated with said image units from said image information, and stores said image units in said at least one buffer based on said mapping information.

12. The system according to claim 11, wherein said mapping information is embedded in a header associated with said predetermined number of image units within said image information.

13. The system according to claim 8, wherein each image unit is a pixel containing color information.

14. The system according to claim 11, wherein said mapping information specifies at least one target location in a display space of said each display module for each image unit contained within said image information.

15. A system comprising:

means for storing image information into at least one buffer for display on a plurality of display modules; and

means for mapping a predetermined number of image units contained within said image information to each display module of said plurality of display modules.

16. The system according to claim 15, further comprising means for receiving said image information in digital format from at least one image processing device.

17. The system according to claim 15, further comprising means for transmitting said predetermined number of image units in digital format to said each display module.

18. The system according to claim 15, further comprising:

means for retrieving mapping information associated with said image units from said image information; and

means for storing said image units in said at least one buffer based on said mapping information.

19. The system according to claim 18, wherein said mapping information is embedded in a header associated with said predetermined number of image units within said image information.

20. The system according to claim 15, wherein each image unit is a pixel containing color information.

21. The system according to claim 18, wherein said mapping information specifies at least one target location in a display space of said each display module for each image unit contained within said image information.

22. An apparatus comprising:

at least one input unit to receive image information from at least one image processing device for display on a plurality of display modules and to map a predetermined number of image units contained within said image information to each display module of said plurality of display modules; and

at least one buffer coupled to said at least one input unit to store said image units.

23. The apparatus according to claim 22, wherein said at least one input unit receives said image information in digital format.

24. The apparatus according to claim 22, further comprising a compositing unit to compare said predetermined number of image units and to transmit valid image units in digital format to said each display module.

25. The apparatus according to claim 22, wherein said input unit further retrieves mapping information associated with said image units from said image information, and transmits said image units to said at least one buffer for storage based on said mapping information.

26. The apparatus according to claim 25, wherein said mapping information is embedded in a header associated with said predetermined number of image units within said image information.

27. The apparatus according to claim 22, wherein each image unit is a pixel containing color information.

28. The apparatus according to claim 25, wherein said mapping information specifies at least one target location in a display space of said each display module for each image unit contained within said image information.

29. A computer readable medium containing executable instructions, which, when executed in a processing system, cause said system to perform a method comprising:

storing image information into at least one buffer for display on a plurality of display modules; and

mapping a predetermined number of image units contained within said image information to each display module of said plurality of display modules.

30. The computer readable medium according to claim 29, wherein said method further comprises receiving said image information in digital format from at least one image processing device.

31. The computer readable medium according to claim 29, wherein said method further comprises transmitting said predetermined number of image units in digital format to said each display module.

32. The computer readable medium according to claim 29, wherein said storing further comprises:

retrieving mapping information associated with said image units from said image information; and

storing said image units in said at least one buffer based on said mapping information.

33. The computer readable medium according to claim 32, wherein said mapping information is embedded in a header associated with said predetermined number of image units within said image information.

34. The computer readable medium according to claim 29, wherein each image unit is a pixel containing color information.

35. The computer readable medium according to claim 32, wherein said mapping information specifies at least one target location in a display space of said each display module for each image unit contained within said image information.